

ABSTRACT OF THE DISCLOSURE

The present invention discloses an X-ray source comprising an X-ray tube including a target generating an X-ray in response to an electron beam incident thereon emitted from an electron gun and an X-ray exit window emitting thus generated X-ray; a power supply having a structure including an insulating block molding therein a voltage generating part supplying a voltage to the X-ray tube; a first planar member securing the X-ray tube while being arranged on one side of the insulating block; and a second planar member disposed on a side of the insulating block opposite from the first planar member. The first and second planar members are fastened to each other while holding the insulating block therebetween.